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Substitute for form 1449A/PTO

**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/890,172
Filing Date	July 25, 2001
First Named Inventor	Oren GLOBERMAN et al
Art Unit	37774
Examiner Name	PREBILIC, PAUL B
Attorney Docket Number	34982

Sheet 1 of 9

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	1,175,530	14-Mar-1916	Kirchhoff	
	2	2002/0068974	06-Jun-2002	Kuslich et al.	
	3	2002/0099385	25-Jan-2002	Ralph et al	
	4	2002/0191487	19-Dec-2002	Sand	
	5	2003/0109883	12-Jun-2003	Matsuzaki et al.	
	6	2003/0174576	18-Sep-2003	Tague et al.	
	7	2003/0181963	25-Sep-2003	Pellegrino et al.	
	8	2003/040718	27-Feb-2003	Kust et al.	
	9	2004/0167625	26-Aug-2004	Beyar et al.	
	10	2004/0236313	25-Nov-2004	Klein	
	11	2004/0260303	23-Dec-2004	Carrison	
	12	2004/054377	18-Mar-2004	Foster et al.	
	13	2004/059283	25-Mar-2004	Kirwan et al.	
	14	2005/0060023	17-Mar-2005	Mitchell et al.	
	15	2005/0083782	21-Apr-2005	Gronau et al.	
	16	2005/0143827	30-Jun-2005	Globerman et al.	
	17	2006/0079905	13-Apr-2006	Beyar et al.	
	18	2006/0264967	23-Nov-2006	Ferreyro et al.	
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	22	2007/0282443	06-Dec-2007	Globerman et al.	
	23	2,067,458	14-Feb-1989	Nichols	
	24	2,918,841	29-Dec-1959	Poupitch	
	25	3,058,413	16-Oct-1962	Cavalieri	
	26	3,063,449	13-Nov-1962	Schultz	
	27	3,075,746	29-Jan-1963	Yablonski et al.	
	28	3,224,744	21-Dec-1965	Broomall	
	29	3,426,364	11-Feb-1969	Lumb	
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Sheet	2	Of	9	Attorney Docket Number	34982
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	30	3,875,595	08-Apr-1975	Froning	
	31	3,976,060	24-Aug-1976	Hildebrandt et al.	
	32	4,079,917	21-Mar-1978	Popeil	
	33	4,115,346	19-Sep-1978	Gross et al.	
	34	4,170,990	16-Oct-1979	Baumgart et al.	
	35	4,185,072	22-Jan-1980	Puderbaugh et al.	
	36	4,268,639	19-May-1981	Seidel et al.	
	37	4,274,163	23-Jun-1981	Malcom et al.	
	38	4,309,777	12-Jan-1982	Patil	
	39	4,313,434	02-Feb-1982	Segal	
	40	4,346,708	31-Aug-1982	LeVeen et al.	
	41	4,349,921	21-Sep-1982	Kuntz	
	42	4,453,539	12-Jun-1984	Raftopoulos et al.	
	43	4,494,535	22-Jan-1985	Haig	
	44	4,522,200	11-Jun-1985	Stednitz	
	45	4,554,914	26-Nov-1985	Kapp et al.	
	46	4,558,693	17-Dec-1985	Lash et al.	
	47	4,562,598	07-Jan-1986	Kranz	
	48	4,632,101	30-Dec-1986	Freedland	
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	50	4,653,487	31-Mar-1987	Maale	
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	58	4,892,550	09-Jan-1990	Huebsch	
	59	4,904,260	27-Feb-1990	Ray et al.	
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		Number-Kind Code ² (if known)			
	60	4,932,969	12-Jun-1990	Frey et al.	
	61	4,935,029	19-Jun-1990	Matsutani et al.	
	62	4,961,647	09-Oct-1990	Coutts et al.	
	63	4,969,888	01-Nov-1990	Scholten et al.	
	64	5,012,066	30-Apr-1991	Matsutani et al.	
	65	5,059,193	22-Oct-1991	Kuslich	
	66	5,059,199	22-Oct-1991	Okada et al.	
	67	5,078,919	07-Jan-1991	Ashley et al.	
	68	5,102,413	07-Apr-1992	Poddar	
	69	5,108,404	28-Apr-1992	Scholten et al.	
	70	5,112,333	12-May-1992	Fixel	
	71	5,116,335	26-May-1992	Hannon	
	72	5,122,400	16-Jun-1992	Stewart	
	73	5,123,926	23-Jun-1992	Pisharodi	
	74	5,131,382	21-Jul-1992	Meyer	
	75	5,171,248	15-Dec-1992	Ellis	
	76	5,171,278	15-Dec-1992	Pisharodi	
	77	5,209,753	11-May-1993	Biedermann et al.	
	78	5,236,445	17-Aug-1993	Hayhurst et al.	
	79	5,268,001	07-Dec-1993	Nicholson et al.	
	80	5,302,020	12-Apr-1994	Kruse	
	81	5,303,718	19-Apr-1994	Kajicek	
	82	5,333,951	02-Aug-1994	Wakoh	
	83	5,348,391	20-Sep-1994	Murray	
	84	5,356,382	18-Oct-1994	Picha et al.	
	85	5,376,123	27-Dec-1994	Klaue et al.	
	86	5,415,474	16-May-1995	Nelson et al.	
	87	5,480,403	02-Jan-1996	Lee	
	88	5,494,349	27-Feb-1996	Seddon	
	89	5,514,137	07-May-1996	Coutts	
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		Number-Kind Code ² (if known)			
	90	5,520,690	28-May-1996	Errico et al.	
	91	5,522,816	04-Jun-1996	Dinello et al.	
	92	5,522,899	04-Jun-1996	Michelson	
	93	5,534,028	09-Jul-1996	Bao et al.	
	94	5,549,380	27-Aug-1996	Lidgren et al.	
	95	5,549,381	27-Aug-1996	Hays et al.	
	96	5,549,679	27-Aug-1996	Kuslich	
	97	5,571,189	05-Nov-1996	Kuslich et al.	
	98	5,578,035	26-Nov-1996	Lin	
	99	5,591,197	07-Jan-1997	Orth et al.	
	100	5,601,557	11-Feb-1997	Hayhurst	
	101	5,609,637	11-Mar-1997	Biedermann et al.	
	102	5,645,598	08-Jul-1997	Brosnahan III	
	103	5,658,310	19-Aug-1997	Berger	
	104	5,683,451	04-Nov-1997	Lenker et al.	
	105	5,693,100	02-Dec-1997	Pisharodi	
	106	5,697,977	16-Dec-1997	Pisharodi	
	107	5,704,895	06-Jan-1998	Scott et al.	
	108	5,720,753	24-Feb-1998	Sander et al.	
	109	5,725,529	10-Mar-1998	Nicholson et al.	
	110	5,759,186	02-Jun-1998	Bachmann et al.	
	111	5,782,830	21-Jul-1998	Farris	
	112	5,782,838	21-Jul-1998	Beyar et al.	
	113	5,800,549	01-Sep-1998	Bao et al.	
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	115	5,827,289	27-Oct-1989	Reiley et al.	
	116	5,842,785	01-Dec-1998	Brown et al.	
	117	5,876,457	02-Mar-1999	Picha et al.	
	118	5,911,721	15-Jun-1999	Nicholson et al.	
	119	5,968,044	19-Oct-1999	Nicholson et al.	
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	120	6,019,789	01-Feb-2000	Dinh et al.	
	121	6,126,689	03-Oct-2000	Brett	
	122	6,129,763	10-Oct-2000	Chauvin et al.	
	123	6,149,651	21-Nov-2000	Drewry et al.	
	124	6,161,955	19-Dec-2000	Rademaker	
	125	6,168,597	02-Jan-2001	Biedermann et al.	
	126	6,214,037	10-Apr-2001	Mitchell et al.	
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	128	6,235,043	22-May-2001	Reiley et al.	
	129	6,241,734	05-Jun-2001	Scribner et al.	
	130	6,248,110	19-Jun-2001	Reiley et al.	
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	132	6,264,659	24-Jul-2001	Ross et al.	
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	140	6,554,833	29-Apr-2003	Levy et al.	
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	142	6,662,969	16-Dec-2003	Peeler et al.	
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	144	6,780,175	24-Aug-2004	Sachdeva et al.	
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	146	6,957,747	25-Oct-2005	Peeler et al.	
	147	6,974,247	13-Dec-2005	Frei et al.	
	148	6,979,341	27-Dec-2005	Scribner et al.	
	149	6,994,465	07-Feb-2006	Tague et al.	
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	150	7,029,163	18-Apr-2006	Barker et al.		
	151	7,097,648	29-Aug-2006	Globerman et al.		
	152	Des. 279,499	02-Jul-1985	Case		
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	153	EP 0044877	03-Feb-1982	Kurz et al.		
	154	EP 0177781	16-Apr-1986	Draenert		
	155	JP 02-122017	09-May-1990	Watanabe et al.		
	156	JP 02-166235	26-Jun-1990	Serio et al.		
	157	EP 0235905	09-Sep-1987	Al-Rawi		
	158	EP 0475077	18-Mar-1992	Gogolewski et al.		
	159	EP 0493789	08-Jul-1992	Mudr		
	160	EP 0669100	30-Aug-1995	Linder et al.		
	161	EP 0748615	18-Dec-1996	Berger		
	162	RU 1011119	15-Apr-1983	Edinak		
	163	RU 1049050	23-Oct-1983	Drobotun et al.		
	164	EP 1074231	07-Feb-2001	Al-Assir		
	165	EP 1148850	20-Apr-2005	Globerman et al.		
	166	EP 1148851	24-May-2006	Globerman et al.		
	167	EP 1464292	06-Oct-2004	Dimauro et al.		
	168	EP 1552797	13-Jul-2005	Globerman et al.		
	169	DE 19612276	02-Oct-1997	Trautmann et al.		
	170	GB 2114005	17-Aug-1983	Baumgart et al.		
	171	GB 2197691	25-May-1988	Bron		
	172	GB 2413280	26-Oct-2005	Chen		
	173	DE 4104092	14-Aug-1991	Rieger		
	174	JP 54-009110	23-Jan-1979	Oomine		
	175	AU 724544	07-Nov-1996	Werding et al.		
	176	JP 8322848	10-Dec-1996	Narushima		
	177	AU 9865136	22-Sep-1998	Beyar et al.		
	178	WO 00/06216	10-Feb-2000	Kirwan et al.		
	179	WO 00/44319	03-Aug-2000	Globerman et al.		
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Substitute for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known		
				Application Number	09/890,172	
				Filing Date	July 25, 2001	
				First Named Inventor	Oren GLOBERMAN et al	
				Art Unit	37774	
				Examiner Name	PREBILIC, PAUL B	
Sheet	7	Of	9	Attorney Docket Number	34982	
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Documents	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	180	WO 00/44321	03-Aug-2000	Globerman et al.		
	181	WO 00/44946	03-Aug-2000	Ben-Yosef et al.		
	182	WO 01/54598	02-Aug-2001	Shavit et al.		
	183	WO 02/02033	10-Jan-2002	Jaeggi et al.		
	184	WO 03/101596	11-Dec-2003	Jonsson		
	185	WO 2001/008571	08-Feb-2001	Dekel		
	186	WO 2003/061495	31-Jul-2003	Shavit et al.		
	187	WO 2004/019810	11-Mar-2004	Smith et al.		
	188	WO 2004/071543	26-Aug-2004	Bisig et al.		
	189	WO 2004/075965	10-Sep-2004	Sharrow et al.		
	190	WO 2004/080357	23-Sep-2004	Ferreyro Irigoyen et al.		
	191	WO 2004/110292	23-Dec-2004	Vachten		
	192	WO 2004/110300	23-Dec-2004	Beyar et al.		
	193	WO 2005/032326	14-Apr-2005	Beyar et al.		
	194	WO 2005/048867	02-Jun-2005	Tague et al.		
	195	WO 2005/051212	09-Jun-2005	Dunker et al.		
	196	WO 2005/110259	24-Nov-2005	Sala et al.		
	197	WO 2006/011152	02-Feb-2006	Beyar et al.		
	198	WO 2006/039159	13-Apr-2006	McGill et al.		
	199	WO 2006/090379	31-Aug-2006	Beyar et al.		
	200	WO 2007/015202	08-Feb-2007	Beyar et al.		
	201	WO 2007/036815	05-Apr-2007	Beyar et al.		
	202	WO 2007/148336	27-Dec-2007	Globerman et al.		
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	204	WO 90/00037	11-Jan-1990	Michelson		
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	206	WO 94/12112	09-Jun-1994	Klinge		
	207	WO 95/13862	26-May-1995	Murray		
	208	WO 96/11643	25-Apr-1996	Ray et al.		
	209	WO 96/19940	04-Jul-1996	Zinger		
	210	WO 96/32899	24-Oct-1996	Werding et al.		
	211	WO 96/37170	28-Nov-1996	Biedermann et al.		
	212	WO 97/28835	14-Aug-1997	Lang		
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Sheet	9	Of	9	Attorney Docket Number	34982
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	217	Baroud et al. "Injection Biomechanics of Bone Cements Used in Vertebroplasty", Biomedical Materials and Engineering, 00: 1-18, 2004.			
	218	Canale et al. "Campbell's Operative Orthopaedics - Volume three - Ninth edition", Mosby: P. 2097,2121, 2184-2185, 2890-2896, 1998. Abstract.			
	219	Cole et al. "AIM Titanium Humeral Nail System", Surgical Technique, DePuy Orthopedics, 17 P., 2000.			
	220	Heini et al. "The Use of A Side-Opening Injection Cannula in Vertebroplasty", Spine, 27(1): 105-109, 2002.			
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	222	Ishikawa et al. "Effects of Neutral Sodium Hydrogen Phosphate on Setting Reaction and Mechanical Strength of Hydroxyapatite Putty", Journal of Biomedical Materials Research, 44: 322-329, 199.			
	223	Ishikawa et al. "Non-Decay Type Fast-Setting Calcium Phosphate Cement: Hydroxyapatite Putty Containing An Increased Amount of Sodium Alginate", Journal of Biomedical Materials Research, 36: 393-399, 1997.			
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	226	Lewis "Toward Standardization of Methods of Determination of Fracture Properties of Acrylic Bone Cement and Statistical Analysis of Test Results", Journal of Biomedical Research: Applied Biomaterials, 53(6): 748-768, 2000.			
	227	Nussbaum et al. "The Chemistry of Acrylic Bone Cements and Implications for Clinical Use in Image-Guided Therapy", Journal of Vascular and Interventional Radiology, 15: 121-126, 2004.			
	228	Steen "Laser Surface Treatment", Laser Material Processing, Springer, 2nd Ed., Chap.6: 218-271, 2003.			
	229	Varela et al. "Closed Intramedullary Pinning of Metacarpal and Phalanx Fractures", Orthopedics, 13(2): 213-215, 1990. Abstract.			
	230	Weissman et al. "Trochanteric Fractures of the Femur. Treatment With A Strong Nail and Early Weight-Bearing", Clinical Orthopedics and Related Research, 67: 143-150, 1969. Fig.			
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